

## EAST Search History

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L1    | 2385    | 219/121.36,121.41,121.52,121.48,121.52,121.59.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/17 18:52 |
| S1    | 664     | plasma adj generating adj electrode  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/16 14:49 |
| S2    | 6323175 | clean\$3 or remov\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/16 12:02 |
| S3    | 296     | S1 and S2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/16 14:15 |
| S4    | 1       | ("20010043890").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO             | OR               | OFF     | 2007/10/16 14:16 |
| S5    | 3       | ("2001/0043890").URPN.   | USPAT   | OR               | ON      | 2007/10/16 14:17 |
| S6    | 1       | ("6660068").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO             | OR               | OFF     | 2007/10/16 14:17 |
| S7    | 14      | ("20010043890"   "3979193"   "4376637"   "4505107"   "4535589"   "4897096"   "4979364"   "5044157"   "5746051"   "6245126").PN. OR ("6660068").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2007/10/16 14:18 |
| S8    | 17      | ("20010043890"   "3979193"   "4376637"   "4505107"   "4535589"   "4631452"   "4866728"   "4897096"   "4954263"   "4979364"   "5044157"   "5259190"   "5440876"   "5746051"   "5750026"   "6245126"   "6660068").PN. OR ("7144448").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2007/10/16 14:20 |
| S9    | 10375   | (plasma adj generating)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/16 14:49 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S10 | 2281068 | anode or cathode or electrode  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 14:49 |
| S11 | 6150    | S9 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 14:50 |
| S12 | 6323175 | clean\$3 or remov\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 14:50 |
| S13 | 3526    | S11 and S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 14:50 |
| S14 | 759613  | (dielectric or ceramic) and (film or layer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 14:51 |
| S15 | 2009    | S13 and S14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 15:16 |
| S16 | 311     | SI adj thyristor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 18:14 |
| S17 | 664     | plasma adj generating adj electrode  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 15:16 |
| S18 | 10      | S16 and S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 15:16 |
| S19 | 8       | ("20030056499"   "20040175305"   "6038854"   "6185930"   "6363714"   "6479023"   "6775972"   "6887438").PN. OR ("7207169").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/10/16 17:14 |

## EAST Search History

|     |        |                       |   |    |    |                  |
|-----|--------|-----------------------|---|----|----|------------------|
| S20 | 736526 | exhaust               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:15 |
| S21 | 150369 | electrode near4 plate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:15 |
| S22 | 656889 | S10 and S12           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:16 |
| S23 | 7639   | S20 and S21           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:35 |
| S24 | 5353   | S22 and S23           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:16 |
| S25 | 403    | S9 and S24            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:20 |
| S26 | 161014 | "219"/\$.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:17 |
| S27 | 19     | S25 and S26           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:17 |
| S28 | 124560 | air near4 clean\$3    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:20 |
| S29 | 1719   | S21 and S28           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 17:21 |

## EAST Search History

|     |         |  |   |    |     |                  |
|-----|---------|--|---|----|-----|------------------|
| S30 | 68055   | NO2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/10/16 17:22 |
| S31 | 5       | S29 and S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/10/16 17:22 |
| S32 | 15      | ("4650555"   "5122245"  <br>"5458748"   "5656039"   "5807466"<br>  "5837867").PN. OR ("6139694").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/10/16 17:39 |
| S33 | 1       | ("20020131918").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO             | OR | OFF | 2007/10/16 17:39 |
| S34 | 11      | ("6139694"   "6309610"  <br>"6338827"   "6354903"   "6368451"<br>  "6423190"   "6464945"  <br>"6482368"   "6537507"  <br>"6638484").PN. OR ("6887440").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/10/16 17:41 |
| S36 | 7       | S16 and S35  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/10/16 18:13 |
| S37 | 10      | S16 and S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/10/16 18:14 |
| S38 | 599984  | plasma   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/10/16 18:14 |
| S39 | 33      | S16 and S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/10/16 18:21 |
| S40 | 1334326 | pulse\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/10/16 18:21 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S42 | 34     | S40 and S41                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/16 18:21 |
| S43 | 14931  | ink same micron                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:25 |
| S45 | 0      | S43 and S44                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:24 |
| S46 | 664    | plasma adj generating adj electrode         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:25 |
| S47 | 1      | S43 and S46                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:26 |
| S48 | 663347 | heater                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:26 |
| S49 | 3337   | S43 and S48                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:26 |
| S50 | 161014 | "219"/\$.ccls.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:26 |
| S51 | 759613 | (dielectric or ceramic) and (film or layer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:26 |
| S52 | 1813   | S49 and S51                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:26 |

## EAST Search History

|     |        |                       |   |    |    |                  |
|-----|--------|-----------------------|---|----|----|------------------|
| S53 | 54     | S49 and S50           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:27 |
| S54 | 736526 | exhaust               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:35 |
| S55 | 150369 | electrode near4 plate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:35 |
| S56 | 7639   | S54 and S55           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:35 |
| S57 | 67     | S56 and S43           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:38 |
| S58 | 116568 | conductive near2 film | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:38 |
| S59 | 460    | S43 and S58           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:38 |
| S60 | 88     | S48 and S59           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:38 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S61 | 75     | (<br>"2979773"   "3970821"  <br>"4120086"   "4132971"   "4203197"<br>  "4273525"   "4304544"  <br>"4310401"   "4390485"   "4396899"<br>  "4455744"   "4485387"  <br>"4510036"   "4514160"   "4557685"<br>  "4570150"   "4583284"  <br>"4641423"   "4659906"   "4739657"<br>  "4748982"   "4768283"  <br>"4782708"   "4795126"   "4859981"<br>  "4882203"   "4897028"  <br>"4899435"   "4911636"   "4922082"<br>  "4964795"   "5007818"  <br>"5046942"   "5051086"   "5085572"<br>  "5112025"   "5155340"  <br>"5215597"   "5226596"   "5234637"<br>  "5320513"   "5411392"  <br>"5421715"   "5456592"   "5468141"<br>  "5470219"   "5504304"  <br>"5518389"   "5521357"   "5521576"<br>  "5527177"   "5536164"  <br>"5548268"   "5561296"   "5569398"<br>  "5569474"   "5573692"  <br>"5632078"   "5641421"   "5653932"<br>  "5705793"   "5871786"  <br>"5895591"   "5916467"   "5973296"<br>  "6305923"   "6341954").PN. OR<br>("6575729").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/10/17 09:44 |
| S62 | 623158 | micron  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:44 |
| S63 | 11     | S61 and S62   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 09:44 |
| S64 | 1604   | 422/186.04,906,907.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/10/17 10:41 |